Application No. 10/560,471 Amendment dated November 29, 2010 Reply to Non-final Office Action of May 27, 2010

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

Claims 1-10 (Canceled)

11. (Previously presented) The analgesic and anti-inflammatory patch

according to claim 13, containing the ingredient having a counter-irritation effect in an

amount of 0.01 to 30 wt% when it is one of l-menthol, dl-menthol, dl-camphor, d-

camphor, methyl salicylate, glycol salicylate, mentha oil and eucalyptus oil, or in an

amount of 0.001 to 5 wt% when it is one of capsaicin, one of capsicum extract and

nonylic vanillylamide for the treatment of muscle pain, joint pain, lumbago, shoulder

stiffness, and fracture pain.

12. (Canceled)

13. (Previously presented) An analgesic and anti-inflammatory patch comprising

an aqueous poultice material containing 10 to 80 wt% water, 0.5 to 20 wt% of

benzocaine, and at least one ingredient having a counter-irritation effect selected from the

group consisting of l-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate,

glycol salicylate, mentha oil, eucalyptus oil, capsaicin, capsicum extract, and nonylic

vanillylamide.

14. (Canceled)

15. (Previously presented) A method of reducing irritation of the skin caused by

a counter-irritant used in an analgesic and anti-inflammatory patch by using benzocaine

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as an active ingredient in the patch, wherein the patch further comprising an aqueous poultice material containing 10 to 80 wt% water.

- 16. (Previously presented) A method of reducing the pains of muscle pain, joint pain, lumbago, shoulder stiffness, and fracture pain, without unpleasant irritation when topically applied, by applying an analgesic and anti-inflammatory patch comprising an aqueous poultice material containing 10 to 80 wt% water, 0.5 to 20 wt% of benzocaine, and at least one ingredient having a counter-irritation effect selected from the group consisting of l-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil, eucalyptus oil, capsaicin, capsicum extract, and nonylic vanillylamide.
- 17. (Previously presented) An analgesic and anti-inflammatory patch comprising an aqueous poultice material containing 10 to 80 wt% water, 0.5 to 20 wt% of benzocaine, and at least one ingredient having a counter-irritation effect selected from the group consisting of l-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil, eucalyptus oil, capsaicin, capsicum extract, and nonylic vanillylamide, wherein the ingredient having a counter-irritation effect is present in an amount of 0.01 to 30 wt% when it is one of l-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil or eucalyptus oil, or in an amount of 0.001 to 5 wt% when it is one of capsaicin, capsicum extract or nonylic vanillylamide.
- 18. (Previously presented) The analgesic and anti-inflammatory patch according to claim 17, wherein the aqueous poultice material comprises 3 to 40 wt% of at least one water-soluble polymer, the water-soluble polymer being selected from the group consisting of gelatin, pullulan, polyvinylpyrrolidone, polyvinylalcohol, methylcellulose, ethylcellulose, carboxymethylcellulose, hydroxyethylcellulose, hydroxypropylcellulose, polyacrylic acid, sodium polyacrylate, acrylic acid copolymer, maleic anhydride

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copolymer, starch/sodium acrylate graft copolymer, carboxyvinyl polymer, sodium alginate, xanthan gum, agar, and carrageenan.

- 19. (Previously presented) The analgesic and anti-inflammatory patch according to claim 18, wherein the aqueous poultice further comprises 0.001 to 5 wt% of at least one crosslinker to crosslink the water-soluble polymer, the crosslinker being selected from the group consisting of potassium alum, aluminium alum, magnesium chloride, calcium chloride, aluminium chloride, aluminium hydroxide, calcium hydroxide, ferric hydroxide, calcium phosphate, calcium citrate, aluminium gylcinate, magnesium aluminometasilicate, magnesium aluminosilicate, aluminium metasilicate, magnesium silicate, synthetic hydrotalcite, polyethyleneglycol diglycidyl ether, ethyleneglycol diglycidyl ether, glycerine diglycidyl ether and tyiglycerin diglycidyl ether.
- 20. (New) An analgesic and anti-inflammatory patch for the treatment of muscle pain, joint pain, lumbago, shoulder stiffness, and fracture pain comprising an aqueous poultice material containing 10 to 80 wt% water, 5 to 15 wt% of benzocaine, and at least one ingredient having a counter-irritation effect selected from the group consisting of l-menthol, dl-menthol, dl-camphor, d-camphor, methyl salicylate, glycol salicylate, mentha oil, eucalyptus oil, capsaicin, capsicum extract, and nonylic vanillylamide.